

LISTING OF THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently Amended) In an exhaust system of a combustion engine including a particle filter and a silencer which encloses the filter; a method for regenerating the filter by spontaneous combustion of particles accumulated in the filter, the method comprising:

leading the exhaust gases from the combustion engine in operation through the filter or leading the exhaust gases from the combustion chamber in operation to bypass past the filter through a space inside the silencer which encloses the filter when a counterpressure in the exhaust gases which is caused by the filter exceeds a set level;

leading the exhaust gases from the combustion engine past the filter through a valve which opens when the counterpressure in the exhaust gases is above the set level; and
passing the exhaust gases through a catalyst including during bypassing of the filter.

2. (Canceled)

3. (Currently Amended) A method according to claim 1 2, wherein the valve is operable to open because of the action of the pressure of the exhaust gases against a holding-back spring .

4. (Currently Amended) A method according to claim 1 2, further comprising detecting the counterpressure by at least one pressure sensor and using output signals from the sensor for controlling (CDU) the bypassing of the filter.

5. (Canceled)

6. (Currently Amended) Apparatus for containing a particle filter for an exhaust system of a combustion engine comprising:

the filter is adapted to being regenerated by spontaneous combustion of particles accumulated in the filter,

a silencer which encloses the filter;

a bypass duct via which exhaust gases from the combustion engine in operation are arranged to be led to bypass past the filter when the counterpressure in the exhaust gases which is caused by the filter exceeds a set level, and the duct leading the exhaust gases past the filter through a space inside the silencer which encloses the filter;

a valve which is operable to open when the counterpressure in the exhaust gases is above the set level, for leading exhaust gases from the combustion engine past the filter; and

a catalyst and a device operable for causing the exhaust gases to pass through the catalyst during bypassing of the filter.

7. (Canceled)

8. (Currently Amended) ~~A device~~ The apparatus according to claim 6, further comprising a holding-back spring in the valve against which the pressure of the exhaust gases acts.

9. (Currently Amended) ~~A device~~ The apparatus according to claim 6 further comprising at least one pressure sensor for detecting the counterpressure, the sensor produces output signals which are operable for controlling (CDU) the bypassing of the filter.

10. (Canceled)

11. (Canceled)

12. (Canceled)